Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A multi-axis laser machine comprising:

a laser oscillator for outputting a laser beam;

a deflection unit for switching a plurality of optical paths for said laser beam;

laser positioning units disposed on said optical paths respectively, the number of said laser positioning units being equal to the number of said optical paths, said laser beam being supplied to any one of said laser positioning units to thereby perform machining; and

an arbitration unit for controlling said laser positioning units independently of one another so as to perform machining at different positions from one another, wherein when said laser positioning units do not finish positioning at a same time, said arbitration unit ~~supplies~~ controls a supply of said laser beam such that said laser beam is supplied to one of said laser positioning units which has finished positioning and ~~does not yet supply said laser beam~~ is not supplied to an other of said laser positioning units which has not finished positioning, and wherein when said laser positioning units finish positioning simultaneously, said arbitration unit ~~supplies~~ controls said supply of said laser beam to a plurality of laser positioning units in a predetermined sequence.

Claim 2. (Currently Amended) A method for machining with a multi-axis laser machine including a laser oscillator for outputting a laser beam, a deflection unit for switching a plurality of optical paths for said laser beam, and laser positioning units disposed on said optical paths respectively, the number of said laser positioning units being equal to the number of said optical paths, said laser beam being supplied to any one of said laser positioning units to thereby perform machining, said method comprising the steps of:

operating said laser positioning units independently of one another by an arbitration unit so as to perform machining at different positions from one another; and

arbitrating a supply of said laser beam to said laser positioning units by said arbitration unit, wherein when said laser positioning units do not finish positioning at a same time, said arbitration unit ~~supplies~~ controls a supply of said laser beam such that said laser beam is supplied to one of said laser positioning units as soon as said laser positioning unit finishes positioning and ~~does not yet supply said laser beam~~ is not supplied to an other of said laser positioning units which has not finished positioning, and wherein when said laser positioning units finish positioning simultaneously, said arbitration unit ~~supplies~~ controls said supply of said laser beam to a plurality of laser positioning units in a predetermined sequence.

Claim 3. (Currently Amended) A recording medium recording a computer-readable control program for controlling a multi-axis laser machine including a laser oscillator for outputting a laser beam, a deflection unit for switching a plurality of optical paths for said laser beam, and laser positioning units disposed on said optical paths respectively, the number of said laser positioning units being equal to the number of said optical paths, said laser beam being supplied to any one of said laser positioning units to thereby perform machining, said control program including the steps of:

operating said laser positioning units independently of one another by an arbitration unit so as to perform machining at different positions from one another;

arbitrating a supply of said laser beam to said laser positioning units by said arbitration unit, wherein when said laser positioning units do not finish positioning at a same time, said arbitration unit ~~supplies~~ controls a supply of said laser beam such that said laser beam is supplied to one of said laser positioning units as soon as said laser positioning unit finishes positioning and ~~does not yet supply said laser beam~~ is not supplied to an other of said laser positioning units which has not finished positioning, and wherein when said laser positioning units finish positioning

simultaneously, said arbitration unit ~~supplies~~ controls said supply of said laser beam to a plurality of laser positioning units in a predetermined sequence;

said control program being executably written in said recording medium so as to be readable by a computer.